

CLAIMS

What is claimed is:

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1. An adjustable device for providing high intensity directional lighting, the device comprising:
- a directionally adjustable socket adapter having;
 - a rotatable upper portion for receiving a light bulb; and
 - a lower portion adapted to engage a socket wherein said rotatable upper portion is hingedly and rotatably attached to said lower portion so that the directionally adjustable socket adapter may be positioned in a plurality of alternative directional arrangements.
2. A device as in claim 1, wherein the rotatable upper portion comprises an outer housing and an inner socket.
3. A device as in claim 2, wherein the outer housing further comprises a plurality of sensors adapted to receive a remote signal for controlling the brightness of a light bulb in response to the signal.
4. A device as in claim 1, wherein the rotatable upper portion is adapted to rotate at least 360 degrees about an axis perpendicular to the rotatable upper portion.
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5. A device as in claim 4, wherein the directionally adjustable socket adapter is adapted so that the socket adapter can be further adjusted by angularly positioning the rotatable upper portion in relation to the lower portion as desired and by rotating the

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angularly positioned rotatable upper portion to a desired point within an at least 360 degree range of rotation about an axis perpendicular to the lower portion.

6. A device as in claim 1, further comprising a light bulb.

7. A device as in claim 6, wherein the light bulb comprises a coating adapted to focus light emitted by the bulb in a particular direction.

8. An adjustable device for providing high intensity directional lighting, the device comprising:

a light bulb having a coating adapted to focus light emitted by the bulb in a particular direction; and

a directionally adjustable socket adapter having;

a rotatable upper portion for receiving the light bulb; and

a lower portion adapted to engage a socket wherein said rotatable upper portion is hingedly and rotatably attached to said lower portion so that the light emitted by the light bulb may be focused on a particular location as desired.

9. A device as in claim 8, wherein the rotatable upper portion comprises an outer housing and an inner socket.

10. A device as in claim 9, wherein the outer housing further comprises a plurality of sensors adapted to receive a remote signal for controlling the brightness of a light bulb in response to the signal.

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11. A device as in claim 8, wherein the rotatable upper portion is adapted to rotate at least 360 degrees about an axis perpendicular to the rotatable upper portion.

12. A device as in claim 11, wherein the directionally adjustable socket adapter is adapted so that the socket adapter can be further adjusted by angularly positioning the rotatable upper portion in relation to the lower portion as desired and by rotating the angularly positioned rotatable upper portion to a desired point within an at least 360 degree range of rotation about an axis perpendicular to the lower portion.

13. An adjustable device for providing high intensity directional lighting, the device comprising:

a directionally adjustable socket adapter having;

a rotatable upper portion for receiving a light bulb;

a lower portion hingedly and rotatably attached to said upper rotatable portion; and

being adapted so that the directionally adjustable socket adapter may be rotated at least 360 degrees about at least one axis of rotation and angularly positioned in a plurality of angular positions for positioning the adjustable socket in a plurality of alternative directional arrangements.

14. An adjustable device as in claim 13, wherein the directionally adjustable socket adapter is adapted to be rotated at least 360 degrees about two axes of rotation.